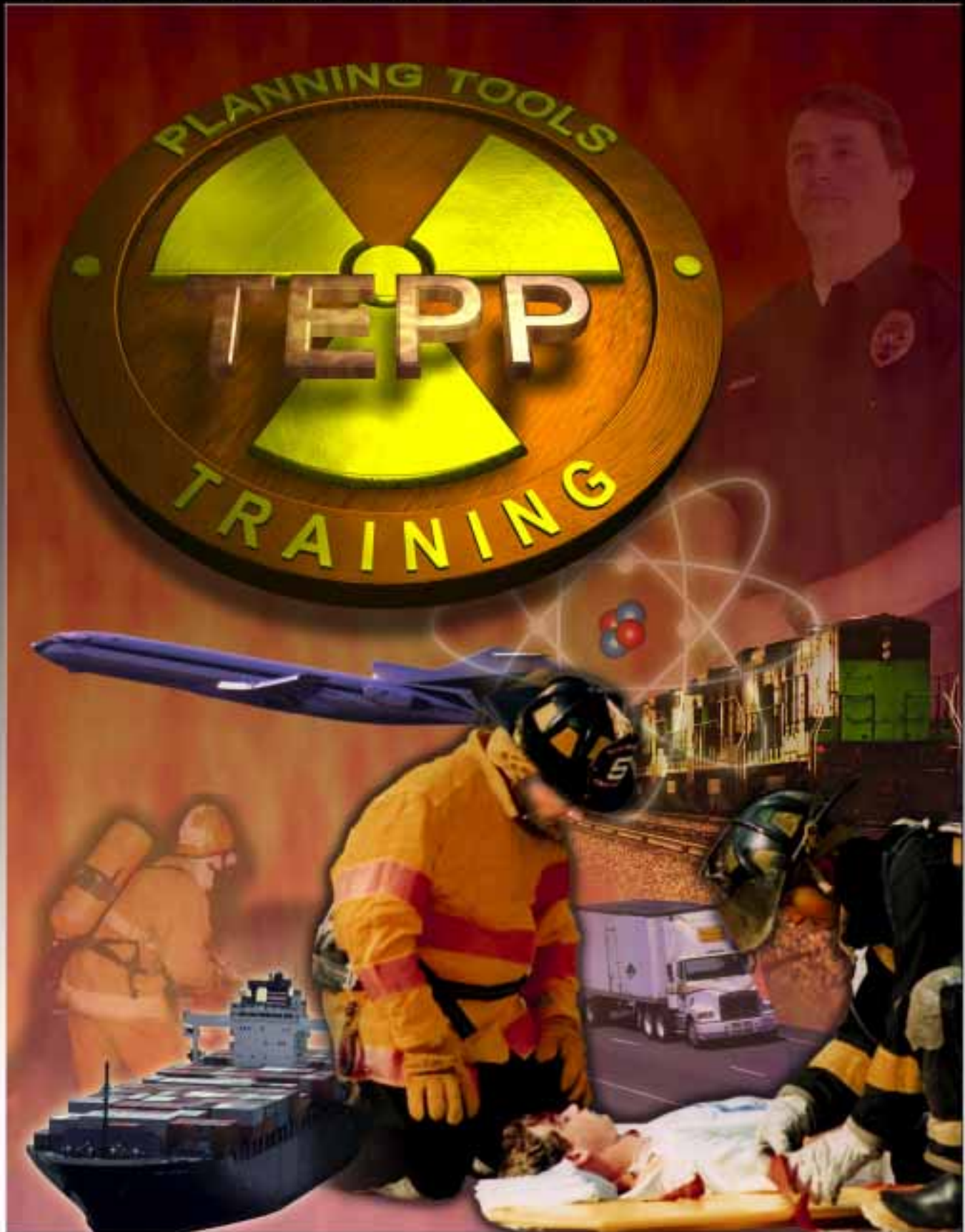




DEPARTMENT OF ENERGY



## Medical Messages Index

Prepared For The Department of Energy Office of Transportation and Emergency Management

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## Transportation Emergency Preparedness Program (TEPP)

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## Medical Messages Index

### Medical Terms and Laymen's Definitions

Following is a list of terms and laymen's definitions for words used in the messages that follow. Although all EMS personnel should be familiar with the terms, the list is included for the benefit of Lead Observers who may need to know how to answer questions or describe medical scenes during Observer briefings, etc.

\* The following medical terms have been oversimplified for the benefit of laymen, and may not be completely technically accurate.

<b>ACLS</b>	- Advanced Cardiac Life Support.
<b>ALS</b>	- Advanced Life Support.
<b>Apneic</b>	- not breathing.
<b>Asystole</b>	- stopped heart indicated by an electrocardiogram flat line.
<b>Auscultation</b>	- the act of listening to the heart, lungs, abdomen, etc. with the aid of a stethoscope.
<b>Bradycardia</b>	- a heart rhythm characterized by less than 60 beats per minute.
<b>Cheyne-Stokes</b>	- a respiratory pattern characterized by cycles of deep, rapid and weak, slow breathing, often seen in cases of heart failure or coma.
<b>COPD</b>	- Chronic Obstructive Pulmonary Disease.
<b>Cyanotic</b>	- a bluish tint to the skin, usually the result of reduced oxygen in the blood.
<b>Decerebrate Posture</b>	- a symptom of a serious head injury noted by the victim's hands extended away from the body.
<b>Decorticate Posture</b>	- a symptom of a serious head injury noted by the victim's hands turned inward toward the body.
<b>Diaphoretic</b>	- sweaty.
<b>Dyspnea</b>	- difficulty breathing.
<b>Ecchymosis</b>	- bruising (black-and-blue or yellowish mark).
<b>Edema</b>	- swelling.
<b>Flail Chest</b>	- one or more ribs are broken in one or more places.
<b>Hematoma</b>	- a pocket of blood that collects underneath the skin causing a bump or knot.
<b>ECG Monitor</b>	- an EKG (electrocardiogram) machine.
<b>Nares</b>	- nostrils.
<b>Occipital Region</b>	- the back of the head.
<b>Palpation</b>	- by feel. In cases of very weak blood pressure, the upper value is sometimes determined "by palpation."





## Medical Messages Index



### Paradoxical

**Movement** - a juxtaposition of the rib cage that occurs when someone with a flail chest (see Flail Chest) breathes. During inhalation, the flail segment of the rib cage sinks inward, while the other half expands outward, and vice versa during exhalation.

**PERL** - Pupils Equally Reactive to Light

**PHTLS** - Pre-hospital Trauma Life Support.

### Plueral

**Decompression**- a method of relieving pressure on a lung(s) caused by a pocket air that collects in the chest cavity and makes breathing difficult. The pressure is relieved by venting the air pocket to the atmosphere with a needle.

**Postictal** - a state of unresponsiveness seen after grand mal seizures, typically evidenced by vacant stares.

### Rhonchus/

**Rhonchi** - a coarse fluid rattling sound, somewhat like snoring, heard during auscultation of the chest that indicates a partial bronchial obstruction.

### Sternal

**Retraction** - a symptom of serious respiratory distress noted by the sternum sinking inward during respirations.

### Adult

**Tachycardia** - a heart rate over 100 beats per minute.

### Ventricular

**Fibrillation** - a chaotic electrical stimulation of the heart.



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## Medical Messages Index

### MILD ARM FRACTURE / MILD HEAD INJURY

MM#:

TO: First Responders/EMS

FROM: EMS Observer

NOTE: This data applies to a patient with a fractured arm and a mild head injury. Do not provide this data to players unless the means to obtain it are demonstrated.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***

#### Message:

Patient complains of point tenderness with edema present at pain location on his left arm. Movement of the extremity is present. Distal pulses and sensation are present.

Patient also suffered a mild blow to the head. Small hematoma noted at impact site, with no deformity or loss of consciousness.

Minutes after EMS arrival:	+0	+10	+20	+30
Level of Consciousness:	Alert/Oriented	Alert/Oriented	Alert/Oriented	Alert/Oriented
Respirations:	As Read	As Read	As Read	As Read
Pulse:	As Read	As Read	As Read	As Read
Skin:	Normal	Normal	Normal	Normal
Pupils:	PERL	PERL	PERL	PERL
Blood Pressure:	As Read	As Read	As Read	As Read

#### Expected Action:

Follow local protocols or standing orders.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***



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## Medical Messages Index



### MODERATE ARM FRACTURE

MM#:

TO: First Responders/EMS

FROM: EMS Observer

NOTE: This data applies to a patient with a moderate fracture of either an arm or leg. Do not provide this data to players unless the means to obtain it are demonstrated.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***

#### Message:

Patient complains of point tenderness with ecchymosis (bruising), edema (swelling) and deformity present at pain location. Patient presents with guarding of injured extremity. Distal pulses and sensation are present.

Minutes after EMS arrival:	+0	+10	+20	+30
Level of Consciousness:	Conscious/Alert	Conscious/Alert	Conscious/Alert	Conscious/Alert
Respirations	22	20	18	18
Pulse	104	102	100	100
Skin	Normal	Normal	Normal	Normal
Pupils	PERL	PERL	PERL	PERL
Blood Pressure	150/94	144/88	140/80	140/80

#### Expected Action:

Follow local protocols or standing orders.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***



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## Medical Messages Index

### ARM/LEG AMPUTATION

MM#:

TO: First Responders/EMS

FROM: EMS Observer

NOTE: This data applies to a patient with an amputation of either an arm or leg. Do not provide this data to players unless the means to obtain it are demonstrated.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***

#### Message:

Amputation is jagged and bleeding is profuse and uncontrolled. Upon EMS arrival patient is lying down and his/her responses are sluggish.

Minutes after EMS arrival:	+0	+10 - End*	+10 - End**
Level of Consciousness:	Sluggish	Sluggish	Unresponsive
Respirations	24 Clear/equal	22 Clear/equal	0
Pulse	156	120	0
Skin	Pale/diaphoretic	Pale/diaphoretic	Pale
Pupils	PERL	PERL	Fixed/dilated
Blood Pressure	80/60	80/60	0/0

#### NOTES:

\* If treated by +10 minutes, use these vital signs. Advanced Life Support Protocol should be followed (i.e., bleeding control, IV, oxygen, and mast trousers used).

\*\* If untreated by +10 minutes, use these vital signs. Patient dies.

#### Expected Action:

Follow local protocols or standing orders.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***



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## Medical Messages Index



### MILD CHEST INJURY

MM#:

TO: First Responders/EMS

FROM: EMS Observer

NOTE: This data applies to a patient who was struck in the chest with a blunt object. Do not provide this data to players unless the means to obtain it are demonstrated.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***

#### Message:

Patient is complaining of pain on inspiration. Breath sounds are clear and equal bilaterally. No deformity noted to chest wall. Ecchymosis noted at impact area.

Minutes after EMS arrival:	+0	+10	+20	+30
Level of Consciousness:	Alert/Oriented	Alert/Oriented	Alert/Oriented	Alert/Oriented
Respirations:	22 shallow	24 shallow	18 shallow	18 shallow
Pulse:	108	106	98	88
Skin:	Normal	Normal	Normal	Normal
Pupils:	PERL	PERL	PERL	PERL
Blood Pressure:	146/94	142/92	134/88	132/86

#### Note:

ECG Monitor corresponds to pulse rate.

#### Expected Action:

Follow local protocols or standing orders.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***



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## Medical Messages Index

### MODERATE CHEST INJURY

MM#:

TO: First Responders/EMS

FROM: EMS Observer

NOTE: This data applies to a patient who was struck in the chest with a blunt object. Do not provide this data to players unless the means to obtain it are demonstrated.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***

#### Message:

Patient is complaining of pain at impact location and dyspnea. Breath sounds are clear and equal bilaterally. Deformity noted with paradoxical movement at impact site. Breath sounds are decreased on affected side unless splinting has been accomplished.

Minutes after EMS arrival:	+0	+10	+20	+30
Level of Consciousness:	Alert/Oriented	Alert/Oriented	Alert/Oriented	Alert/Oriented
Respirations	26 shallow	24 shallow	22 shallow	20 shallow
Pulse	112	110	98	94
Skin	mildly diaphoretic	mildly diaphoretic	mildly diaphoretic	mildly diaphoretic
Pupils	PERL	PERL	PERL	PERL
Blood Pressure	138/94	136/92	134/90	134/88

#### Note:

ECG Monitor corresponds to pulse rate.

#### Expected Action:

Follow local protocols or standing orders.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***



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## Medical Messages Index



### SEVERE CHEST INJURY

MM#:

TO: First Responders/EMS

FROM: EMS Observer

NOTE: This data applies to a patient who received a massive blow to the chest area. Do not provide this data to players unless the means to obtain it are demonstrated.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***

#### Message:

Flail chest segment noted. Distended neck veins present. Breath sounds absent on affected side. Breath sounds will remain absent until plural decompression is accomplished.

Minutes after EMS arrival:	+0	+10	+20	+30
Level of Consciousness:	Resp. to painful stimuli	Responds to painful stimuli	Responds to verbal stimuli	Responds to verbal stimuli
Respirations	36	34	24	18
Pulse	124	130	108	96
Skin	cyanotic/diaphoretic	cyanotic/diaphoretic	improving	improving
Pupils	PERL	PERL	PERL	PERL
Blood Pressure	98/60	100/64	110/70	114/74

#### Note:

ECG Monitor corresponds to pulse rate. If decompression has not been accomplished, patient vital signs will remain at the +0 minutes level.

#### Expected Action:

Follow local protocols or standing orders.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***



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## Medical Messages Index

### MILD HEAD INJURY

MM#:

TO: First Responders/EMS

FROM: EMS Observer

NOTE: This data applies to a patient who received a mild blow to the head. Do not provide this data to players unless the means to obtain it are demonstrated.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***

#### Message:

Small hematoma noted at impact site. No deformity or loss of consciousness.

Minutes after EMS arrival:	+0	+10	+20	+30
Level of Consciousness:	Alert/oriented	Alert/oriented	Alert/oriented	Alert/oriented
Respirations:	As Read	As Read	As Read	As Read
Pulse:	As Read	As Read	As Read	As Read
Skin:	Normal	Normal	Normal	Normal
Pupils:	PERL	PERL	PERL	PERL
Blood Pressure:	As Read	As Read	As Read	As Read

#### Expected Action:

Follow local protocols or standing orders.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***



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## Medical Messages Index



### MODERATE HEAD INJURY

MM#:

TO: First Responders/EMS

FROM: EMS Observer

NOTE: This data applies to a patient who has been struck on the occipital region of the skull. Do not provide this data to players unless the means to obtain it are demonstrated.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***

#### Message:

Hematoma noted with +1-inch laceration. Bleeding has been controlled. No deformity noted. Loss of consciousness for approximately 45 seconds.

Minutes after EMS arrival:	+0	+10	+20	+30
Level of Consciousness:	Confused	Confused	Confused	Confused
Respirations:	18	16	20	14
Pulse:	102	104	98	90
Skin:	Normal	Normal	Normal	Normal
Pupils:	PERL	PERL	PERL	PERL
Blood Pressure:	130/84	128/80	130/86	132/84

#### Expected Action:

Follow local protocols or standing orders.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***



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## Medical Messages Index

### SEVERE HEAD INJURY

MM#:

TO: First Responders/EMS

FROM: EMS Observer

NOTE: This data applies to a patient who has suffered a severe blow to the head. Do not provide this data to players unless the means to obtain it are demonstrated.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***

#### Message:

Deformity noted at impact site. Decorticate posturing noted.

Minutes after EMS arrival:	+0	+10	+20	+30
Level of Consciousness:	No response	No response	No response	No response
Respirations:	Cheyne-Stokes	Cheyne-Stokes	Cheyne-Stokes	Cheyne-Stokes
Pulse:	64	58	54	52
Skin:	Pale/diaphoretic	Pale/diaphoretic	Pale/diaphoretic	Pale/diaphoretic
Pupils:	unequal/left dilated	unequal/left dilated	unequal/left dilated	unequal/left dilated
Blood Pressure:	160/96	168/100	176/102	180/102

#### Note:

ECG Monitor corresponds to pulse.

#### Expected Action:

Follow local protocols or standing orders.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***



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## Medical Messages Index



### MILD NECK INJURY

MM#:

TO: First Responders/EMS

FROM: EMS Observer

NOTE: This data applies to a patient who has been struck from behind in an automobile. Do not provide this data to players unless the means to obtain it are demonstrated.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***

#### Message:

Patient is complaining of pain to left lateral area of neck. No deformity or edema noted.

Minutes after EMS arrival:	+0	+10	+20	+30
Level of Consciousness:	Conscious/alert	Conscious/alert	Conscious/alert	Conscious/alert
Respirations:	16	18	14	16
Pulse:	98	88	86	86
Skin:	Normal	Normal	Normal	Normal
Pupils:	PERL	PERL	PERL	PERL
Blood Pressure:	148/92	144/88	138/86	138/90

#### Expected Action:

Follow local protocols or standing orders.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***



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## Medical Messages Index

### MODERATE NECK INJURY

MM#:

TO: First Responders/EMS

FROM: EMS Observer

NOTE: This data applies to a patient who has suffered trauma to the neck. Do not provide this data to players unless the means to obtain it are demonstrated.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***

#### Message:

Patient is complaining of numbness and tingling in arms. No deformity or edema noted, and all extremities have movement.

Minutes after EMS arrival:	+0	+10	+20	+30
Level of consciousness:	Conscious/alert	Conscious/alert	Conscious/alert	Conscious/alert
Respirations:	24	20	18	16
Pulse:	110	104	100	96
Skin:	Normal	Normal	Normal	Normal
Pupils:	PERL	PERL	PERL	PERL
Blood Pressure:	132/88	130/86	134/84	130/88

#### Expected Action:

Follow local protocols or standing orders.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***



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## Medical Messages Index



### SEVERE NECK INJURY

MM#:

TO: First Responders/EMS

FROM: EMS Observer

NOTE: This data applies to a patient who has suffered major trauma to the neck. Do not provide this data to players unless the means to obtain it are demonstrated.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***

#### Message:

No deformity or edema noted. Patient has non-purposeful movement of upper and lower extremities.  
No sensation to lower extremities.

Minutes after EMS arrival:	+0	+10	+20	+30
Level of Consciousness:	Conscious/alert	Conscious/alert	Conscious/alert	Conscious/alert
Respirations:	18	16	18	14
Pulse:	60	62	58	60
Skin:	Normal	Normal	Normal	Normal
Pupils:	PERL	PERL	PERL	PERL
Blood Pressure:	88/40	86/42	84/40	80/40

#### Expected Action:

Follow local protocols or standing orders.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***



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## Medical Messages Index

### FIRST DEGREE BURNS

MM#:

TO: First Responders/EMS

FROM: EMS Observer

NOTE: This data applies to a patient with first degree burns. Do not provide this data to players unless the means to obtain it are demonstrated.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***

#### Message:

Patient has first degree burns bilaterally on the upper extremities. Burned places are red and tender. There are no complaints of respiratory distress, and no singeing of the nares noted.

Minutes after EMS arrival:	+0	+10	+20	+30
Level of Consciousness:	Conscious/Alert	Conscious/Alert	Conscious/Alert	Conscious/Alert
Respirations:	18/clear & equal bilaterally	18/clear & equal bilaterally	18/clear & equal bilaterally	18/clear & equal bilaterally
Pulse:	As read	As read	As read	As read
Skin:	Burns red; unburned skin is normal	Burns red; unburned skin is normal	Burns red; unburned skin is normal	Burns red; unburned skin is normal
Pupils:	PERL	PERL	PERL	PERL
Blood Pressure:	As read	As read	As read	As read

#### Expected Action:

Follow local protocols or standing orders.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***



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## Medical Messages Index



### SECOND DEGREE BURNS

MM#:

TO: First Responders/EMS

FROM: EMS Observer

NOTE: This data applies to a patient with a second degree burns. Do not provide this data to players unless the means to obtain it are demonstrated.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***

#### Message:

Patient has second degree burns bilaterally on the upper extremities. Burned places are red and blistered. There are no complaints of respiratory distress, and no singeing of the nares noted.

Minutes after EMS arrival:	+0	+10	+20	+30
Level of Consciousness: Respirations:	Conscious/Alert 18/clear & equal bilaterally	Conscious/Alert 18/clear & equal bilaterally	Conscious/Alert 18/clear & equal bilaterally	Conscious/Alert 18/clear & equal bilaterally
Pulse:	120	120	115	115
Skin:	Burns red/blistered; unburned skin is normal	Burns red/blistered; unburned skin is normal	Burns red/blistered; unburned skin is normal	Burns red/blistered; unburned skin is normal
Pupils:	PERL	PERL	PERL	PERL
Blood Pressure:	130/70	130/70	130/70	130/70

#### Expected Action:

Follow local protocols or standing orders.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***



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## Medical Messages Index

### THIRD DEGREE BURNS

MM#:

TO: First Responders/EMS

FROM: EMS Observer

NOTE: This data applies to a patient with a third degree burns. Do not provide this data to players unless the means to obtain it are demonstrated.

#### THIS IS A DRILL

***DO NOT initiate actions affecting safe operations***

#### Message:

Patient has third degree burns to the neck and bilaterally on the upper extremities. There are no complaints of respiratory distress, and no singeing of the nares noted.

Minutes after EMS arrival:	+0	+10	+20	+30
Level of Consciousness:	Conscious/ Alert	Conscious/ Alert	Conscious/ Alert	*Confused /Disoriented
Respirations:	18/clear & equal bilaterally	22/clear & equal bilaterally	*22/clear & equal bilaterally	*24/clear & equal bilaterally
Pulse:	128	128	*138	*120
Skin:	Pale/diaphoretic; burns are black and charred with waxy edges	Pale/diaphoretic; burns are black and charred with waxy edges	Pale/diaphoretic; burns are black and charred with waxy edges	Pale/diaphoretic; burns are black and charred with waxy edges
Pupils:	PERL	PERL	PERL	PERL
Blood Pressure:	110/72	94/68	90/60	80/by palpation

#### Note:

\* Issue this data only if appropriate care has **NOT** been administered. Once the patient has been given proper treatment, revert to the +0 data.

#### Expected Action:

Follow local protocols or standing orders.

#### THIS IS A DRILL

***DO NOT initiate actions affecting safe operations***



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## Medical Messages Index



### HEAT EXHAUSTION

MM#:

TO: First Responders/EMS

FROM: EMS Observer

NOTE: This data applies to a patient experiencing heat exhaustion. Do not provide this data to players unless the means to obtain it are demonstrated.

#### THIS IS A DRILL

***DO NOT initiate actions affecting safe operations***

#### Message:

Patient is complaining of nausea, dizziness and weakness.

Minutes after EMS arrival:	+0	+10	+20	+30
Level of Consciousness:	Conscious/ Alert	Conscious/ Alert	Conscious/ Alert	Conscious/ Alert
Respirations:	22	22	*18	*18
Pulse:	20	122	*110	*102
Skin:	Pale/diaphoretic	Pale/diaphoretic	*Returning to normal	*Normal
Pupils:	PERL	PERL	PERL	PERL
Blood Pressure:	120/90	120/92	*126/84	*130/80

#### Note:

\* Issue this data only **if** appropriate care has been administered. If the patient has not been given proper treatment (i.e., hydrated/cooled off), revert to the +10 data.

#### Expected Action:

Follow local protocols or standing orders.

#### THIS IS A DRILL

***DO NOT initiate actions affecting safe operations***



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## Medical Messages Index

### MILD HYPOTHERMIA

MM#:

TO: First Responders/EMS

FROM: EMS Observer

NOTE: This data applies to a patient experiencing mild hypothermia. Do not provide this data to players unless the means to obtain it are demonstrated.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***

#### Message:

Patient is shivering.

Minutes after EMS arrival:	+0	+10	+20	+30
Level of Consciousness:	Conscious/ Alert	Conscious/ Alert	Conscious/ Alert	Conscious/ Alert
Respirations:	18	18	18	18
Pulse:	110	110	110	110
Skin:	Shivering/ chill bumps	Shivering / chill bumps	Shivering chill bumps	Returning to normal*
Pupils:	PERL	PERL	PERL	PERL
Blood Pressure:	As Read	As Read	As Read	As Read

#### Note:

\*If patient is warmed, shivering will begin to subside by +30. If not, shivering will continue.

#### Expected Action:

Follow local protocols or standing orders.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***

## Medical Messages Index

### MODERATE HYPOTHERMIA

MM#:

TO: First Responders/EMS

FROM: EMS Observer

NOTE: This data applies to a patient experiencing moderate hypothermia. Do not provide this data to players unless the means to obtain it are demonstrated.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***

#### Message:

Patient is shivering.

Minutes after EMS arrival:	+0	+10	+20	+30
Level of Consciousness:	Slow to respond to verbal	Slow to respond to verbal	Slow to respond to verbal	Conscious/ Alert*
Respirations:	18	18	18	18
Pulse:	62	62	70	85
Skin:	Pale	Pale	Pale	Shivering*
Pupils:	PERL	PERL	PERL	PERL
Blood Pressure:	106/74	106/74	106/74	106/74

#### Note:

\*If patient is warmed, shivering will begin to subside by +30. If not, shivering will continue.

#### Expected Action:

Follow local protocols or standing orders.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***



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## Medical Messages Index

### SEVERE HYPOTHERMIA

MM#:

TO: First Responders/EMS

FROM: EMS Observer

NOTE: This data applies to a patient experiencing severe hypothermia. Do not provide this data to players unless the means to obtain it are demonstrated.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***

#### Message:

Patient is lying still.

Minutes after EMS arrival:	+0	+10	+20	+30
Level of Consciousness:	No response to verbal/responds to painful	No response to verbal/responds to painful	No response to verbal/responds to painful	Slow response to verbal*
Respirations:	6	6	15	40
Pulse:	42, weak/carotid	42, weak/carotid	50, weak/carotid	60
Skin: Pupils:	Pale PERL	Pale PERL	Pale PERL	Shivering* PERL
Blood Pressure:	106/74	106/74	106/74	106/74

#### Note:

\*If patient is warmed, vitals will improve by +30, as shown. If care not given, use +50 vitals.

#### Expected Action:

Follow local protocols or standing orders.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***

## Medical Messages Index



### FROST BITE

MM#:

TO: First Responders/EMS

FROM: EMS Observer

NOTE: This data applies to a patient experiencing frost bite. Do not provide this data to players unless the means to obtain it are demonstrated.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***

#### Message:

Patient is complaining of numbness at the affected areas.

Minutes after EMS arrival:	+0	+10	+20	+30
Level of Consciousness:	Conscious/ Alert	Conscious/ Alert	Conscious/ Alert	Conscious/ Alert
Respirations:	As Read	As Read	As Read	As Read
Pulse:	As Read	As Read	As Read	As Read
Skin:	Affected areas white and waxy	Affected areas white and waxy	Affected areas white and waxy	Affected areas white and waxy
Pupils:	As Read	As Read	As Read	As Read
Blood Pressure:	As Read	As Read	As Read	As Read

#### Note:

As affected areas are warmed, numbness will slowly give way to sharp pain.

#### Expected Action:

Follow local protocols or standing orders.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***



DEPARTMENT OF ENERGY



## Medical Messages Index

### MILD CARDIAC

MM#:

TO: First Responders/EMS

FROM: EMS Observer

NOTE: This data applies to a patient complaining of substernal chest pain radiating to left arm. Do not provide this data to players unless the means to obtain it are demonstrated.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***

#### Message:

Patient is complaining of substernal chest pain radiating to left arm. Also complaining of mild dyspnea. No prior history of cardiac or other medical problems.

Minutes after EMS arrival:	+0	+10	+20	+30
Level of Consciousness:	Conscious/alert	Conscious/alert	Conscious/alert	Conscious/alert
Respirations:	18/clear/equal	18/clear/equal	18/clear/equal	18/clear/equal
Pulse:	94	96	92	84
Skin:	Mild diaphoresis	Mild diaphoresis	Mild diaphoresis	Mild diaphoresis
Pupils:	PERL	PERL	PERL	PERL
Blood Pressure:	As Read	As Read	As Read	As Read

#### Note:

ECG Monitor corresponds to pulse.

#### Expected Action:

Follow local protocols or standing orders.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***



DEPARTMENT OF ENERGY



## Medical Messages Index



### MODERATE CARDIAC

MM#:

TO: First Responders/EMS

FROM: EMS Observer

NOTE: This data applies to a patient who has suffered a moderate heart attack. Do not provide this data to players unless the means to obtain it are demonstrated.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***

#### Message:

Patient is complaining of a sudden onset of severe substernal chest pain radiating down the left arm and neck. Pain is not relieved by nitro spray. Patient is also complaining of dyspnea. Patient has history of heart problems, having undergone bypass surgery two years ago.

Minutes after EMS arrival:	+0	+10	+20	+30
Level of Consciousness:	Alert	Alert	Alert	Alert
Respirations	18/clear/equal	20/clear/equal	16/clear/equal	16/clear/equal
Pulse:	48	46	*68	*68
Skin:	Pale/diaphoretic	Pale/diaphoretic	Pale/diaphoretic	Pale/diaphoretic
Pupils:	PERL	PERL	PERL	PERL
Blood Pressure:	96/60	94/62	110/74	130/80

#### Note:

ECG Monitor - Sinus Bradycardia. \* The +20-minute and +30-minute vital signs should only be given is appropriate care has been rendered. If not, repeat +10 vital signs.

#### Expected Action:

Follow local protocols or standing orders.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***



DEPARTMENT OF ENERGY



## Medical Messages Index

### SEVERE CARDIAC

MM#:

TO: First Responders/EMS

FROM: EMS Observer

NOTE: This data applies to a patient who has suffered a severe heart attack. Do not provide this data to players unless the means to obtain it are demonstrated.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***

#### Message:

Patient complains of severe chest pain and collapses. History of cardiac problems.

Minutes after EMS arrival:	+0	+10	+20	+30
Level of Consciousness:	No response	No response	No response	No response
Respirations:	0	0	0	0
Pulse:	0	0	0	0
Skin:	Pale/diaphoretic	Pale/diaphoretic	Pale/diaphoretic	Pale/diaphoretic
Pupils:	Dilated/ No response	Dilated/ No response	Dilated/ No response	Dilated/ No response
Blood Pressure:	0	0	0	0

#### Note:

ECG Monitor - Ventricular fibrillation until defibrillated then asystole.

#### Expected Action:

Follow local protocols or standing orders.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***



DEPARTMENT OF ENERGY





## Medical Messages Index



### MILD RESPIRATORY

MM#:

TO: First Responders/EMS

FROM: EMS Observer

NOTE: This data applies to a patient who is experiencing mild respiratory problems (which may be caused by smoke inhalation from a burning vehicle). Do not provide this data to players unless the means to obtain it are demonstrated.

#### THIS IS A DRILL

**DO NOT initiate actions affecting safe operations**

#### Message:

Patient complains of mild shortness of breath. Patient has a history of asthma. Patient usually carries a Proventil inhaler, but is currently out of medication.

Minutes after EMS arrival:	+0	+10	+20	+30
Level of Consciousness:	Alert	Alert	Alert	Alert
Respirations:	*22	*20	**16	**14
Pulse:	110	112	**88	**84
Skin:	Normal	Normal	Normal	Normal
Pupils:	PERL	PERL	PERL	PERL
Blood Pressure:	138/92	136/90	130/88	130/86

#### Note:

ECG Monitor - Sinus tachycardia corresponds to pulse.

Pulse Oximeter 92%.

\* Mild expiratory wheezing on auscultation.

\*\* Use this data only if appropriate care has been given. Otherwise, continue using +10 data.

#### Expected Action:

Follow local protocols or standing orders.

#### THIS IS A DRILL

**DO NOT initiate actions affecting safe operations**



DEPARTMENT OF ENERGY



## Medical Messages Index

### MODERATE RESPIRATORY

MM#:

TO: First Responders/EMS

FROM: EMS Observer

NOTE: This data applies to a patient who is experiencing moderate respiratory problems (which may be caused by smoke inhalation from burning vehicle). Do not provide this data to players unless the means to obtain it are demonstrated.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***

#### Message:

Patient complains of shortness of breath. Patient has a history of COPD. Sternal retraction noted.

Minutes after EMS arrival:	+0	+10	+20	+30
Level of Consciousness:	Alert	Alert	Alert	Alert
Respirations:	*24 labored	*26 labored	**20 labored	**18 labored
Pulse:	108	110	**104	**96
Skin:	Pale/diaphoretic	Pale/diaphoretic	**Improving	**Improving
Pupils:	PERL	PERL	PERL	PERL
Blood Pressure:	156/92	158/94	154/88	150/88

#### Note:

ECG Monitor - Sinus tachycardia corresponding to pulse.

Pulse Oximeter 90%.

\* Expiratory wheezing on auscultation with rhonchi noted bilaterally.

\*\* Use this data only if appropriate care has been given. Otherwise, continue using +10 data.

#### Expected Action:

Follow local protocols or standing orders.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***



DEPARTMENT OF ENERGY



## Medical Messages Index



### SEVERE RESPIRATORY

MM#:

TO: First Responders/EMS

FROM: EMS Observer

NOTE: This data applies to a patient with severe respiratory problems (which could be caused by smoke inhalation from burning vehicle). Do not provide this data to players unless the means to obtain it are demonstrated.

#### THIS IS A DRILL

**DO NOT initiate actions affecting safe operations**

#### Message:

Patient is unresponsive.

Minutes after EMS arrival:	+0	+10	+20	+30
Level of Consciousness:	Unresponsive	Unresponsive	* Responds to painful stimuli	* Responds to verbal stimuli
Respirations:	0	0	*8	*10
Pulse:	118	130	*120	*112
Skin:	Cyanotic/	Cyanotic/ diaphoretic	*Improving	*Improving diaphoretic
Pupils:	Sluggish midpoint	Sluggish midpoint	*PERL	*PERL
Blood Pressure:	146/94	138/90	136/88	140/88

#### Notes:

If artificial respiration is not begun by +10, patient will be in cardiac arrest.

ECG Monitor - Sinus tachycardia corresponding to pulse. Pulse Oximeter 90%.

\* Use this data only if appropriate care has been given. Otherwise, continue using +10 data.

#### Expected Action:

Follow local protocols or standing orders.

#### THIS IS A DRILL

**DO NOT initiate actions affecting safe operations**



DEPARTMENT OF ENERGY



## Medical Messages Index

### MILD STROKE

MM#:

TO: First Responders/EMS

FROM: EMS Observer

NOTE: This data applies to a patient who has experienced a mild stroke. Do not provide this data to players unless the means to obtain it are demonstrated.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***

#### Message:

Patient's speech is slurred and you notice his/her face is drooping on the left side. Patient is complaining of a headache. Patient has a history of hypertension and is on medication for same.

Minutes after EMS arrival:	+0	+10	+20	+30
Level of Consciousness:	Alert	Alert	Alert	Alert
Respirations:	18	18	18	18
Pulse:	64	64	64	64
Skin:	Normal	Normal	Normal	Normal
Pupils:	PERL	PERL	PERL	PERL
Blood Pressure:	210/130	208/130	212/130	206/130

#### Notes:

ECG Monitor corresponds to pulse.  
Unequal grip strength.

#### Expected Action:

Follow local protocols or standing orders.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***



DEPARTMENT OF ENERGY



## Medical Messages Index



### MODERATE STROKE

MM#:

TO: First Responders/EMS

FROM: EMS Observer

NOTE: This data applies to a patient who has experienced a moderate stroke. Do not provide this data to players unless the means to obtain it are demonstrated.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***

#### Message:

Patient is found slumped over. Patient responds inappropriately to verbal stimuli. No movement is noted on left side. Patient has a known history of hypertension.

Minutes after EMS arrival:	+0	+10	+20	+30
Level of Consciousness:	Confused	Confused	Confused	Confused
Respirations:	16	16	16	16
Pulse:	68	68	68	68
Skin:	Pale/diaphoretic	Pale/diaphoretic	Pale/diaphoretic	Pale/diaphoretic
Pupils:	Unequal	Unequal	Unequal	Unequal
Blood Pressure:	240/160	240/160	240/160	240/160\

#### Notes:

ECG Monitor corresponds to pulse. Dextrose reading = 96.

Pulse Oximeter = 98%.

#### Expected Action:

Follow local protocols or standing orders.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***



DEPARTMENT OF ENERGY



## Medical Messages Index

### SEVERE STROKE

MM#:

TO: First Responders/EMS

FROM: EMS Observer

NOTE: This data applies to a patient who has experienced a severe stroke. Do not provide this data to players unless the means to obtain it are demonstrated.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***

#### Message:

Patient is found unconscious and unresponsive

Minutes after EMS arrival:	+0	+10	+20	+30
Level of Consciousness:	Responds to painful stimuli	Responds to painful stimuli	Responds to painful stimuli	Responds to painful stimuli
Respirations:	8	8	8	8
Pulse:	58	58	58	58
Skin:	Pale/diaphoretic	Pale/diaphoretic	Pale/diaphoretic	Pale/diaphoretic
Pupils:	Unequal	Unequal	Unequal	Unequal
Blood Pressure:	220/180	220/180	220/180	220/180

#### Notes:

ECG Monitor - sinus bradycardia corresponds to pulse.  
Dextrose reading = 110. Pulse Oximeter = 92%.

#### Expected Action:

Follow local protocols or standing orders.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***



DEPARTMENT OF ENERGY





## Medical Messages Index



### MILD DIABETES

MM#:

TO: First Responders/EMS

FROM: EMS Observer

NOTE: This data applies to a patient who has mild problems related to diabetes. Do not provide this data to players unless the means to obtain it are demonstrated.

#### THIS IS A DRILL

***DO NOT initiate actions affecting safe operations***

#### Message:

Patient is behaving strangely, and is not responding appropriately to verbal stimuli. Patient has a history of Type 1 diabetes.

Minutes after EMS arrival:	+0	+10	+20	+30
Level of Consciousness:	Confused	Confused	*Alert	*Alert
Respirations:	18	20	*16	*14
Pulse:	110	112	*96	*88
Skin:	Diaphoretic	Diaphoretic	*Normal	*Normal
Pupils:	PERL	PERL	PERL	PERL
Blood Pressure:	140/88	144/88	138/86	136/84

#### Notes:

ECG Monitor corresponds to pulse. Dextrose reading = 40.

Pulse Oximeter = 98%.

\* Use this data only if appropriate care has been given. Otherwise, continue using +10 data.

#### Expected Action:

Follow local protocols or standing orders.

#### THIS IS A DRILL

***DO NOT initiate actions affecting safe operations***



DEPARTMENT OF ENERGY



## Medical Messages Index

### MODERATE DIABETES

MM#:

TO: First Responders/EMS

FROM: EMS Observer

NOTE: This data applies to a patient who has moderate problems related to diabetes. Do not provide this data to players unless the means to obtain it are demonstrated.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***

#### Message:

Patient does not respond to verbal stimuli. Patient's skin is cool and extremely clammy. Patient has a history of diabetes.

Minutes after EMS arrival:	+0	+10	+20	+30
Level of Consciousness:	Responds to painful stimuli	Responds to painful stimuli	*Responds to verbal stimuli	*Alert
Respirations:	20	22	*18	*16
Pulse:	114	122	*108	*98
Skin:	Pale/diaphoretic	Pale/diaphoretic	*improving	*improving
Pupils:	PERL	PERL	PERL	PERL
Blood Pressure:	128/86	122/84	130/86	134/88

#### Notes:

ECG Monitor corresponds to pulse. Dextrose reading = 30. Pulse Oximeter = 98%.

\* Use this data only if appropriate care has been given. Otherwise, continue using +10 data.

#### Expected Action:

Follow local protocols or standing orders.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***



DEPARTMENT OF ENERGY



## Medical Messages Index



### SEVERE DIABETES

MM#:

TO: First Responders/EMS

FROM: EMS Observer

NOTE: This data applies to a patient who has severe problems related to diabetes. Do not provide this data to players unless the means to obtain it are demonstrated.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***

#### Message:

Patient is found on the ground. Patient does not respond to verbal or painful stimuli, and his/her skin is cool and extremely clammy. Patient has a history of diabetes.

Minutes after EMS arrival:	+0	+10	+20	+30
Level of Consciousness:	No response	No response	* Responds to verbal	* Alert
Respirations:	20	22	*18	*16
Pulse:	144	148	*108	*98
Skin:	Pale/diaphoretic	Pale/diaphoretic	*improving	*improving
Pupils:	Equal/sluggish	Equal/sluggish	PERLA	PERLA
Blood Pressure:	108/72	102/70	130/86	134/88

#### Notes:

ECG Monitor corresponds to pulse. Dextrose reading = 10.

Pulse Oximeter = 98%.

\* Use this data only if appropriate care has been given. Otherwise, continue using +10 data.

#### Expected Action:

Follow local protocols or standing orders.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***



DEPARTMENT OF ENERGY



## Medical Messages Index

### MILD SEIZURES

MM#:

TO: First Responders/EMS

FROM: EMS Observer

NOTE: This data applies to a patient who has experienced a mild seizure. Do not provide this data to players unless the means to obtain it are demonstrated.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***

#### Message:

Patient found on ground. Patient is confused and disoriented. Patient is taking Dilantin medication.

Minutes after EMS arrival:	+0	+10	+20	+30
Level of Consciousness:	Confused	Confused	Alert	Alert
Respirations:	24	20	16	12
Pulse:	132	124	94	86
Skin:	Warm/moist	Warm/moist	Normal	Normal
Pupils:	Sluggish	PERL	PERL	PERL
Blood Pressure:	156/98	148/90	136/88	130/84

#### Notes:

ECG Monitor corresponds to pulse. Dextrose reading = 90.

Pulse Oximeter = 98%.

#### Expected Action:

Follow local protocols or standing orders.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***

## Medical Messages Index



### MODERATE SEIZURES

MM#:

TO: First Responders/EMS

FROM: EMS Observer

NOTE: This data applies to a patient who has experienced a moderate seizure. Do not provide this data to players unless the means to obtain it are demonstrated.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***

#### Message:

Bystander observes patient in seizure-like activity. Patient has a history of seizures.

Minutes after EMS arrival:	+0	+10	+20	+30
Level of Consciousness:	Postictal	Confused	Alert	Alert
Respirations:	28	22	18	14
Pulse:	148	122	108	92
Skin:	Warm/moist	Warm/moist	Normal	Normal
Pupils:	Equal/sluggish	PERL	PERL	PERL
Blood Pressure:	156/90	142/86	134/82	134/82

#### Notes:

ECG Monitor corresponds to pulse. Dextrose reading = 90.

Pulse Oximeter = 98%.

#### Expected Action:

Follow local protocols or standing orders.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***



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## Medical Messages Index

### DEAD ON ARRIVAL

MM#:

TO: First Responders/EMS

FROM: EMS Observer

NOTE: This data applies to a patient who is found dead at the scene of a vehicle crash. Do not provide this data to players unless the means to obtain it are demonstrated.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***

#### Message:

Patient is motionless with obvious massive chest trauma noted.

Minutes after EMS arrival:	+0	+10	+20	+30
Level of Consciousness:	Unresponsive	Unresponsive	Unresponsive	Unresponsive
Respirations:	0	0	0	0
Pulse:	0	0	0	0
Skin:	Pale/cold	Pale/cold	Pale/cold	Pale/cold
Pupils:	Fixed/dilated	Fixed/dilated	Fixed/dilated	Fixed/dilated
Blood Pressure:	0/0	0/0	0/0	0/0

#### Expected Action:

Call coroner.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***



DEPARTMENT OF ENERGY





## Medical Messages Index



### MILD ARM FRACTURE / MILD HEAD INJURY (PEDIATRIC)

MM#:

TO: First Responders/EMS

FROM: EMS Observer

NOTE: This data applies to a patient with a fractured arm and a mild head injury. Do not provide this data to players unless the means to obtain it are demonstrated.

#### THIS IS A DRILL

***DO NOT initiate actions affecting safe operations***

#### Message:

Patient complains of point tenderness with edema present at pain location on his left arm. Movement of the extremity is present. Distal pulses and sensation are present.

Patient also suffered a mild blow to the head. Small hematoma noted at impact site, with no deformity or loss of consciousness.

Minutes after EMS arrival:	+0	+10	+20	+30
Level of Consciousness:	Alert/Oriented	Alert/Oriented	Alert/Oriented	Alert/Oriented
Respirations:	As Read	As Read	As Read	As Read
Pulse:	As Read	As Read	As Read	As Read
Skin:	Normal	Normal	Normal	Normal
Pupils:	PERL	PERL	PERL	PERL
Blood Pressure:	As Read	As Read	As Read	As Read

#### Expected Action:

Follow local protocols or standing orders.

#### THIS IS A DRILL

***DO NOT initiate actions affecting safe operations***



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## Medical Messages Index

### ARM/LEG AMPUTATION (PERIATRIC)

MM#:

TO: First Responders/EMS

FROM: EMS Observer

NOTE: This data applies to a patient with an amputation of either an arm or leg. Do not provide this data to players unless the means to obtain it are demonstrated.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***

#### Message:

Amputation is jagged and bleeding is profuse and uncontrolled. Upon EMS arrival patient is lying down and his/her responses are sluggish.

Minutes after EMS arrival:	+0	+10 - End*	+10 - End**
Level of Consciousness:	Sluggish	Sluggish	Unresponsive
Respirations:	24 Clear/equal	22 Clear/equal	0
Pulse:	156	120	0
Skin:	Pale/diaphoretic	Pale/diaphoretic	Pale
Pupils:	PERL	PERL	Fixed/dilated
Blood Pressure:	80/60	80/60	0/0

#### NOTES:

\* If treated by +10 minutes, use these vital signs. Advanced Life Support Protocol should be followed (i.e., bleeding control, IV, oxygen, and mast trousers used).

\*\* If untreated by +10 minutes, use these vital signs. Patient dies.

#### Expected Action:

Follow local protocols or standing orders.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***



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## Medical Messages Index



### MILD CHEST INJURY (PEDIATRIC)

MM#:

TO: First Responders/EMS

FROM: EMS Observer

NOTE: This data applies to a patient who was struck in the chest with a blunt object. Do not provide this data to players unless the means to obtain it are demonstrated.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***

#### Message:

Patient is complaining of pain on inspiration. Breath sounds are clear and equal bilaterally. No deformity noted to chest wall. Ecchymosis noted at impact area.

Minutes after EMS arrival:	+0	+10	+20	+30
Level of Consciousness:	Alert/Oriented	Alert/Oriented	Alert/Oriented	Alert/Oriented
Respirations:	28 shallow	28 shallow	20 shallow	20 shallow
Pulse:	140	144	144	140
Skin:	Normal	Normal	Normal	Normal
Pupils:	PERL	PERL	PERL	PERL
Blood Pressure:	122/78	120/78	116/76	110/70

#### Note:

ECG Monitor corresponds to pulse rate.

#### Expected Action:

Follow local protocols or standing orders.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***



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## Medical Messages Index

### SEVERE HEAD INJURY (PEDIATRIC)

MM#:

TO: First Responders/EMS

FROM: EMS Observer

NOTE: This data applies to a patient who has suffered a severe blow to the head. Do not provide this data to players unless the means to obtain it are demonstrated.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***

#### Message:

Deformity noted at impact site. Decorticate posturing noted.

Minutes after EMS arrival:	+0	+10	+20	+30
Level of Consciousness:	No response	No response	No response	No response
Respirations:	Cheyne-Stokes	Cheyne-Stokes	Cheyne-Stokes	Cheyne-Stokes
Pulse:	148	136	136	138
Skin:	Pale/diaphoretic	Pale/diaphoretic	Pale/diaphoretic	Pale/diaphoretic
Pupils:	unequal/left dilated	unequal/left dilated	unequal/left dilated	unequal/left dilated
Blood Pressure:	128/70	128/70	118/68	118/66

#### Note:

ECG Monitor corresponds to pulse.

#### Expected Action:

Follow local protocols or standing orders.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***

## Medical Messages Index



### SECOND DEGREE BURNS (PEDIATRIC)

MM#:

TO: First Responders/EMS

FROM: EMS Observer

NOTE: This data applies to a patient with a second degree burns. Do not provide this data to players unless the means to obtain it are demonstrated.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***

#### Message:

Patient has second degree burns bilaterally on the upper extremities. Burned places are red and blistered. There are no complaints of respiratory distress, and no singeing of the nares noted.

Minutes after EMS arrival:	+0	+10	+20	+30
Level of Consciousness:	Conscious/Alert	Conscious/Alert	Conscious/Alert	Conscious/Alert
Respirations:	24/clear & equal bilaterally	24/clear & equal bilaterally	24/clear & equal bilaterally	24/clear & equal bilaterally
Pulse:	140	140	136	136
Skin:	Burns red/blistered; unburned skin is normal	Burns red/blistered; unburned skin is normal	Burns red/blistered; unburned skin is normal	Burns red/blistered; unburned skin is normal
Pupils:	PERL	PERL	PERL	PERL
Blood Pressure:	110/70	108/70	108/70	108/70

#### Expected Action:

Follow local protocols or standing orders.

**THIS IS A DRILL**

***DO NOT initiate actions affecting safe operations***



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